ELSEVIER

Computer Standards & Interfaces 16 (1994) 559–561

COMPUTER STANDARDS & INTERFACES

Author index to volume 16 (1994)

Albrecht, M., Investigation of erasing effects on magnetic stripes on identification cards 27– 31
Anderson, J.A.D.W., The programming language standards scene, ten years on. Paper 19: Pop 547–553

Barnes, J., The programming language standards scene, ten years on. Paper 9: Ada 481–485
Berg, J.L., A special pleasure 181
Berg, J.L., Are standardization organizations inhibiting standardization? 85– 86
Bochmann, G., *see* **Luo, G.** 119–132
Bolognesi, T., F. Lucidi and S. Trigila, Converging towards a timed LOTOS standard 87–118
Brainerd, W.S., The programming language standards scene, ten years on. Paper 5: Fortran 459–464

Carson, G.S., *see* **Gargaro, A.** 139–142
Cho, S.-B., Neo-statistical methods of recognition: Neural network, hidden Markov model, and their hybridization 221–229

De Blasi, J., *see* **Gargaro, A.** 139–142
Deiss, S., *see* **Padgett, M.L.** 185–203
De Morgan, R.M., The programming language standards scene, ten years on. Paper 16: C++ 531–535
de Oliveira, W.R., *see* **Ludermir, T.B.** 253–263
Diamond, J., The programming language standards scene, ten years on. Paper 18: M[UMPS] 541–545
Dorffner, G., H. Wiklicky and E. Prem, Formal neural network specification and its implications on standardization 205–219
Dssouli, R., *see* **Luo, G.** 119–132

Emery, D., *see* **Gargaro, A.** 139–142

Fiesler, E., Neural network classification and formalization 231–239
Frantz, D.R., The programming language standards scene, ten years on. Paper 14: FIMS (Form Interface Management System) 519–525
Fulcher, J.A., Artificial Neural Networks 183–184
Fulcher, J.A., A comparative review of commercial ANN simulators 241–251

Gargaro, A., R. Rada, J. Moore, G.S. Carson, J. De Blasi, D. Emery, C. Haynes, J. Klensin, I. Montanez and E. Spafford, ACM Technical Standards Committee: A new advocacy power 139–142
Ghedamsi, A., *see* **Luo, G.** 119–132
Goh, A., S.C. Hui, B. Song and F.Y. Wang, A study of SDAI implementation on object-oriented databases 33– 43
Grealish, R., The programming language standards scene, ten years on. Paper 4: Cobol 453–458

Harcken, H. and J.L. Hartke, Diskette test linearity 15– 22
Harcken, H. and J.L. Hartke, Relationships between diskette resolution and peak shift 23– 26
Hartke, J.L., *see* **Harcken, H.** 15– 22
Hartke, J.L., *see* **Harcken, H.** 23– 26
Haynes, C., *see* **Gargaro, A.** 139–142

Elsevier Science B.V.

Hoogeveen, M., *see* **Kwaaitaal, I.** 45– 54
Hui, S.C., *see* **Goh, A.** 33– 43

Jackson, S.A., *see* **Sharkey, N.E.** 279–293
Jones, D., The programming language standards scene, ten years on. Paper 11: C 495–503
Joslin, D.A., The programming language standards scene, ten years on. Paper 2: Pascal 439–442

Karplus, W.J., *see* **Padgett, M.L.** 185–203
Klensin, J., *see* **Gargaro, A.** 139–142
Klensin, J.C., The programming language standards scene, ten years on. Paper 7: PL/I 469–475
Kurtz, T.E., The programming language standards scene, ten years on. Paper 8: Basic 477–480
Kwaaitaal, I., M. Hoogeveen and T. Van Der Weide, A reference model for the impact of standardization on multimedia database management systems 45– 54

Leymann, F., Towards the STEP neutral repository 299–319
Lucidi, F., *see* **Bolognesi, T.** 87–118
Ludermir, T.B. and W.R. de Oliveira, Weightless neural models 253–263
Luo, G., R. Dssouli, G. Bochmann, P. Venkataram and A. Ghedamsi, Test generation with respect to distributed interfaces 119–132

Marks, B., The programming language standards scene, ten years on. Paper 20: Rexx 555–557
McCabe, L., *see* **Rando, T.** 331–340
Meek, B.L. and D. Ziemann, The programming language standards scene, ten years on. Paper 3: APL 443–451
Meek, B.L., The programming language standards scene, ten years on. Paper 1: The scene and the issues 427–437
Montanez, I., *see* **Gargaro, A.** 139–142
Moore, J., *see* **Gargaro, A.** 139–142
Morell, J.A., Standards and the market acceptance of information technology: An exploration of relationships 321–329

Nicholls, J., The programming language standards scene, ten years on. Paper 17: Z Notation 537–539

Ozkul, T., A new experimental enhancement to GPIB standard: General Purpose Serial Interface network (GPSI) 133–138

Padget, J., The programming language standards scene, ten years on. Paper 12: Lisp 505–509
Padgett, M.L., W.J. Karplus, S. Deiss and R. Shelton, Computational intelligence standards: Motivation, current activities and progress 185–203
Parkin, G.I., The programming language standards scene, ten years on. Paper 15: Vienna Development Method Specification Language (VDM-SL) 527–530
Prem, E., *see* **Dorffner, G.** 205–219

Rada, R., *see* **Gargaro, A.** 139–142
Rando, T. and L. McCabe, Issues in implementing the C++ binding to SDAI 331–340
Riedmiller, M., Advanced supervised learning in multi-layer perceptrons – From backpropagation to adaptive learning algorithms 265–278

Saleh, K. and H. Ural, Formal specification of an information gateway service interface in Estelle 341–368
Schroeder, H.J., Interchangeability of diskettes 13– 14
Schumny, H., Standardization and certification 1– 3
Scowen, R., The programming language standards scene, ten years on. Paper 13: Prolog 511–518
Sharkey, A.J.C., *see* **Sharkey, N.E.** 279–293
Sharkey, N.E., A.J.C. Sharkey and S.A. Jackson, Opening the black box of connectionist nets: Some lessons from cognitive science 279–293
Shelton, R., *see* **Padgett, M.L.** 185–203
Song, B., *see* **Goh, A.** 33– 43
Spafford, E., *see* **Gargaro, A.** 139–142

Trigila, S., *see* **Bolognesi, T.** 87–118

Ural, H., *see* **Saleh, K.** 341–368

Van Der Weide, T., *see* **Kwaaitaal, I.** 45– 54
van Wingen, J.W., The programming language standards scene, ten years on. Paper 6: The Algol languages 465–467
Venkataram, P., *see* **Luo, G.** 119–132

Wang, F.Y., *see* **Goh, A.** 33– 43
Wiklicky, H., *see* **Dorffner, G.** 205–219
Woodman, M., The programming language standards scene, ten years on. Paper 10: Modula-2 487–494

Zakharov, V., Using modern information technology at the ISO Central Secretariat 369–374
Ziemann, D., *see* **Meek, B.L.** 443–451

ELSEVIER

Computer Standards & Interfaces 16 (1994) 563–564

COMPUTER STANDARDS & INTERFACES

Subject index to volume 16 (1994)

ACM Technical Standards Committee 139
Ada 481
Adaptive learning algorithms 265
Algol 60 465
Algol 68 465
APL 443
Artificial neural networks 185, 205

Basic 477
Benchmark problems 265
Black box computing 279

C 495
CAD/CAM 33
CIM 299
C++ 33, 531
Cluster analysis 279
Cobol 453
Commonality 427
Common Lisp 505
Communication interfaces 341
Comparison 205
Connectionism 231
Connectionist representation 279

Database systems 299
Data modeling 299
DBMS 45
Decision space analysis 279
Diskette 13, 15, 23
Dissemination 139
Distributed interfaces 119

Enterprise modeling 299
Erasing 27
Estelle 341
EXPRESS 33, 299, 331
Extended APL 443
Extended Pascal 439

Feedforward networks 265
FIMS 519
Finite state machines 119
Formal description 205
Formalization 231
Formal semantics 87
Form Interface Management System 519
Fortran 459

Generalisation 253
GPIB 133

Hidden Markov model 221
High coercivity magnetic stripes 27
Hybrid method 221

IEEE-488 133
Information providers 341
Information resources 299
Integration 299
Interchange 13
Internationalization 427
Interworking 341
IRDS 299
ISO standard test architectures 119

Laboratory environment 133
Learning 253
Linearity 15
Lisp 505
Logic programming 511
LOTOS 87

Magnetic characteristics 13
Market development 321
Meta model 299
Mnemonic notation 231
Modula-2 487
MPLN node 253
Multi-layer perceptrons 265
Multimedia 45
MUMPS 541

Elsevier Science B.V.

Neural computing 231, 241
(Artificial) neural network 231
Neural network classification 231
Neural network classifier 221
Neural network determination 231
Neural network paradigms 205
Neural networks 241, 279
Neurocomputing 231
Nomenclature 231

Object-oriented database 33
On-line handwritten character recognition 221
Openness 139

Pascal 439
Peak shift 23
Performance evaluation 241
Permanent magnets 27
PL/I 469
PLN node 253
Pop 547
Product data sharing 331
Programming languages 427, 439, 443, 453, 459, 465, 469, 477, 481, 487, 495, 505, 511, 519, 527, 531, 537, 541, 547, 555
Proliferation 427
Prolog 511
Protocol conformance testing 119
Protocol engineering 119

q-RAM node 253

Reference diskette 13
Reference model 45
Repository 299
Resolution 23
Rexx 555
Robustness 265
RS-485 133

Scheme 505
SDAI 33, 299
Semantic data model 331
Services and protocols 341
Simula 465
Software simulators 241
Software testing 119
Special interest groups 139
Specification 185, 205
Specification language 87
Standardization 45, 427, 439, 443, 453, 459, 465, 469, 477, 481, 487, 495, 505, 511, 519, , 527, 531, 537, 541, 547, 555
Standards 299
Standard setting process 321
Statistical classifiers 221
STEP 33, 299, 331
Supervised learning 265
Synchronizable test sequences 119

Technology acceptance 321
Terminology 185, 231
Testing 15
Timed process algebra 87
Topological taxonomy 231

VDM 527
Vienna Development Method Specification Language 527
Virtual reality 185

Weightless neural networks 253

Z Notation 537